

# Network Interface Cards

## PRODUCT INFORMATION



# AT-2874SX

## NETWORK INTERFACE CARD



The Allied Telesis AT-2874SX Gigabit fiber ExpressCard/34 Network Interface Card (NIC) is an ideal fit for fiber-to-the-laptop networks that depend on secure and reliable systems.

The single-piece, integrated design of the AT-2874SX endures frequent use with no damage to the fiber connectors, making it a solid solution for military and government applications.

### Mobile Connectivity Through Fiber

The Allied Telesis AT-2874SX ExpressCard/34 NIC is designed to provide notebook computers with network connections through a high speed fiber optic link via a 34 mm ExpressCard interface. An optional tab is supplied to support ExpressCard 54 mm slots. The AT-2874SX features

an SC fiber connection supporting the Linux, Microsoft Windows 7, XP, Vista and Windows 8 operating systems and is compliant with industry standards.

### Comprehensive Software Support

AT-2874SX Network Interface Cards feature software to assist users with network setup and configuration. An offline user diagnostics program provides system administrators and engineers with a valuable tool to analyze the NIC and check data.

### Key Features

- » VLAN support
- » Jumbo frames
- » Checksum offloading
- » Secure transmissions
- » IEEE 802.3x flow control
- » IEEE 802.1p-based traffic prioritization
- » PXE remote boot support
- » Microsoft-certified drivers
- » RoHS compliant
- » CPU task offload
- » TCP segmentation
- » Hot insertion and removal support

### Hassle-Free Support

All Allied Telesis Network Interface Cards offer technical support, ensuring trouble-free installation.

### Specifications

#### Status Indicators

System LED: Link/Activity

#### Interface Standards

|                |                  |
|----------------|------------------|
| IEEE 802.3az   | Gigabit Ethernet |
| IEEE 802.3x    | Full-duplex      |
| ExpressCard/34 |                  |

#### Physical

Dimensions (W x H) 13.7 cm x 3.4 cm (5.4 in x 1.3 in)

#### Power Requirements

Power consumption 3.3W

#### Environmental

|                       |                                |
|-----------------------|--------------------------------|
| Operating temperature | 0°C to 40°C (32°F to 104°F)    |
| Storage temperature   | -25°C to 70°C (-13°F to 158°F) |
| Relative humidity     | 5% to 90%, non-condensing      |
| Altitude              | Up to 3,048 m (10,000 ft)      |

### Optical Characteristics

Connector type SC

#### Standards

|  |                           |
|--|---------------------------|
| EMI part 15  |                           |
| FCC class B, EN55022 class A, VCCI class A, C-Tick, CE |                           |
| Immunity   | EN55024                   |
| Safety   | UL60950-1 (cULUS)         |
|  | EN60950-1 (TUV)           |
|  | EN60825                   |
| Electrical interfaces                                  | UL60950-1 (cULUS)         |
|  | EN60950-1 (TUV)           |
|  | CAN/CSA C22.2 No. 60950-1 |

#### Supported Drivers

Linux  
Windows 7  
Windows XP  
Windows Vista  
Windows 8  
Drivers available at [alliedtelesis.com/support](http://alliedtelesis.com/support)

### Ordering Information

#### AT-2874SX/SC-xxx

Gigabit ExpressCard/34 with SC connector

Where xxx = 001 for single pack  
901 for single pack, compliant with  
Trade Agreements Act



the solution : the network

**Americas Headquarters** | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895

**Asia-Pacific Headquarters** | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

**EMEA & CSA Operations** | Incheonweg 7 | 1437 EK Rozenburg | The Netherlands | T: +31 20 7950020 | F: +31 20 7950021

[alliedtelesis.com](http://alliedtelesis.com)

© 2014 Allied Telesis, Inc. All rights reserved. Information in this document is subject to change without notice. All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.  
617-000480 Rev C